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Transmittal Form
Supplemental Information Disclosure Statement (4 pages)
PTO/SB/08
Cited References (7)
PCT International Search Report (8 pages)

Attorney Docket No.: 20712-0095-01
Application No.: 10/683,772
Filed: October 10, 2003

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

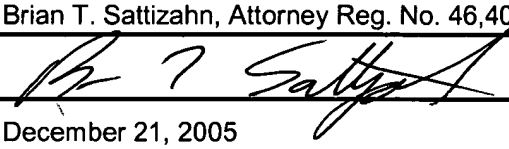
Application Number	10/683,772
Filing Date	October 10, 2003
First Named Inventor	BODELL et al.
Art Unit	3745
Examiner Name	N/A
Total Number of Pages in This Submission: 64	Attorney Docket Number: 20712-0095-01

ENCLOSURES ***(check all that apply)***

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☐ Amendment / Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
  - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) *(please identify below)*:
  Return Receipt Postcard; Certificate of Mailing; Cited References (7); Copy of International Search Report (8 pages)

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	McNees Wallace & Nurick LLC Brian T. Sattizahn, Attorney Reg. No. 46,401
Signature	
Date	December 21, 2005

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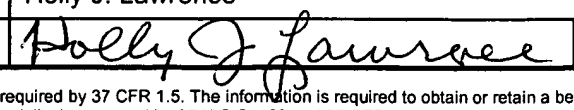
Typed or printed name	Holly J. Lawrence		
Signature		Date	December 21, 2005

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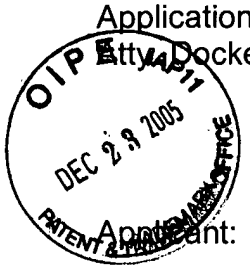
Application No.: 10/683,772
Atty. Docket No. 20712-0095-01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	BODELL et al.	) Group Art Unit:	3745
		)	
Application No.:	10/683,772	) Examiner:	N/A
		)	
Filed:	October 10, 2003	) Atty. Docket No.	20712-0095-01
		)	

For: SYSTEM AND METHOD FOR STABILITY CONTROL IN A CENTRIFUGAL COMPRESSOR

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

SIR:

The following are included with this Information Disclosure Statement:

☒ **A. PTO/SB/08**

☐ **B. CERTIFICATION**
(37 C.F.R. 1.97(c)-before final Office Action or allowance)

☐ **C. $180.00 FEE PAYMENT**
(37 C.F.R. 1.97(c)-before final Office Action or allowance)

☐ **D. $180.00 PETITION, CERTIFICATION & PETITION FEE PAYMENT**
(37 C.F.R.1.97(d)-before issue fee payment)

The following are submitted in the above-identified application in compliance with 37 CFR 1.98:

☐ **I.** A copy of each listed U.S. Patent and U.S. Patent application publication [1.98(a)(2)(i)].

☒ **II.** A copy of each listed foreign patent and/or published foreign patent application. For each listed foreign patent and/or published foreign patent application [1.98(a)(2)]:

☒ a) the English language version or an English translation if not published in English, if available (see PTO-1449)[1.98(a)(3)]; and/or

☐ b) U.S. counterpart patents or English language equivalents of the foreign patents or published foreign patent applications (see PTO-1449); and/or

☐ c) a concise explanation of the relevance of the listed patents, publications or other information (see PTO-1449, foreign search report or other, attached), as it is presently understood by the person signing this disclosure, since no English translation is currently available[1.98(a)(3)].

☒ **III.** A copy of each listed publication, other than published foreign applications. For each listed publication [1.98(a)(2)]:

☒ (a) an English translation, if available, when the original publication is not in the English language (see PTO-1449)[1.98(a)(3)];

☐ (b) a concise explanation of the listed publications (see PTO-1449), as it is presently understood by the person signing this disclosure, since no English translation is currently available [1.98(a)(3)].

☐ **IV.** For any other listed information, a copy of the information or that portion which caused it to be listed (see PTO-1449)[1.98(a)(2)(iii)].

☐ **V.** Each listed U.S. Patent, Publication or other information that was previously cited by or submitted to the Office in a prior application, which application is relied upon for an earlier filing date under 35 U.S.C.§ 120 [1.98(d)].

☒ **VI.** Copies of each listed U.S. Patent and U.S. Patent application publication are not being submitted herewith pursuant to a waiver of 37 CFR 1.98(a)(2)(i) by the USPTO on July 11, 2003 for applications filed after June 30, 2003.

This information is submitted in the above-identified application in compliance with 37 C.F.R.1.97 because:

☒ **1.** This information disclosure is submitted within three months of the filing date of the application, or before the mailing date of the first office action on the merits of the application [1.97(b)].

☐ **2.** This information disclosure is submitted before the mailing date of a final action in this application under 1.113[1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).

☐ **3.** This information disclosure is submitted before the mailing date of a notice of allowance under 1.311 [1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).

☐ **4.** This information disclosure is submitted after the mailing date of a final action under 1.113 [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).

☐ **5.** This information disclosure is submitted after the mailing date of a notice of allowance under 1.311, but before the payment of the issue fee [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).

☐ **6.** This information disclosure statement is submitted with the statement required for items 2, 3, 4 or 5 above [1.97(c), (d), (e)]:

☐ **I, Brian T. Sattizahn, hereby state the following:**

☐ **Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.**

☐ **No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this information disclosure was known to any individual designated in 1.56(c) more than three months prior to the filing of this information disclosure statement.**

☐ **7.** This information disclosure statement is submitted with the fee of $180 set forth in 1.17(p) [see items 2 and 3 above]. Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059. (Please note, no fee is required for items 2 and 3 above if the Item 6 statement is provided).

☐ **8.** Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059.

Respectfully submitted,

Dated: December 21, 2005

McNees Wallace & Nurick LLC

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/683,772
Filing Date	October 10, 2003
First Named Inventor	BODELL et al.
Art Unit	3745
Examiner Name	N/A
Attorney Docket Number	20712-0095-01

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A	US- 6,506,010 B1	01-14-2003	YEUNG et al.	
	B	US- 6,139,262	10-31-2000	RAVIDRANATH	
	C	US- 6,129,511	10-10-2000	SALVAGE et al.	
	D	US- 5,005,353	04-09-1991	ACTON et al.	
	E	US- 5,146,764	09-15-1992	BAUMAN et al.	
	F	US- 4,611,969	09-16-1986	ZINSMEYER	
	G	US- 4,503,684	03-12-1985	MOUNT et al.	
	H	US- 4,248,055	02-03-1981	DAY, III et al.	
	I	US- 3,362,624	01-09-1968	ENDRESS, J.W.	
	J	US- 2002/0161550 A1	10-31-2002	BHARADWAJ et al.	
	K	US-			
	L	US-			
	M	US-			
	N	US-			
	O	US-			
	P	US-			
	Q	US-			
	R	US-			
	S	US-			
	T	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	1	EP 1321679 A1	06-25-2003	Carrier Corporation		
	2	WO 2004/053336 A1	06-24-2004	York International Corp.		

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known	
Application Number	10/683,772
Filing Date	October 10, 2003
First Named Inventor	BODELL et al.
Art Unit	3745
Examiner Name	N/A
Attorney Docket Number	20712-0095-01

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T [2]
	1	LANGILL, A. W.: "Microprocessor-Based Control of Large Constant-Speed Centrifugal Compressors", Proceedings of the International Instrumentation Symposium, vol.2, 1982, pages 591-602, XP008042589	
	2	EVEKER, et al.: "Control of Compression System Surge and Rotating Stall: A Laboratory-Based Hands-On Introduction", Proceedings of the American Control Conference, San Francisco, June 2, vol. 1, 2 June 1993 (1993-06-02), pages 1307-1311, XP008042590	
	3	WILLEMS et al.: "Modeling and Control of Rotating Stall and Surge: An Overview", CONTROL APPLICATIONS, 1998, Proceedings of the 1998 IEEE International Conference on Trieste, Italy 1-4 Sept. 1998, New York, NY, USA, IEEE, US, vol. 1, 1 September 1998 (1998-09-01), pages 331-335, XP010307317	
	4	DE JAGER, B.: "Rotating Stall and Surge Control: A Survey", DECISION AND CONTROL, 1995, Proceedings of the 34th IEEE Conference on New Orleans, LA, USA 13-15 Dec. 1995, New York, NY, USA, IEEE, US, Vol. 2, 13 December 1995 (1995-12-13), pages 1857-1862, X-010152264	
	5	DAY et al.: "Centrifugal Compressor Multi-Mode Rotating Stall Control", Proceedings of the International Compressor Engineering Conference - at Purdue, vol..1, 25 July 2000 (2000-07-25), pages 47-54, XP008042716	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.
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